Control Number : SACU0912004

# *Test Report*

## Recommendations on the TRANSPORT OF DANGEROUS GOODS

(Manual of Tests and Criteria, Fourth revised edition)

**Customer : ACER**
**Model : AS10D7E**
**Rating : 11.1V, 6000mAh / 66Wh**

| Approved By | Checked By | Prepared By |
|---|---|---|
| | | fulong_tsai |
| 12.31.09 | 12.31.09 | 12.31.09 |

SIMPLO TECHNOLOGY CO., LTD.
ADD : No.471,Sec.2,Pa Teh Rd.,Hu Kou,Hsin Chu,Hsien 303 Taiwan
TEL: +886-3-5695920 FAX: +886-3-5695931

SIMPLO ELECTRONICS (Changshu) ,LTD.
ADD : No.2 Dong Nan Avenue,Changshu, Jingsu Province.China
TEL: 0512-52302255 FAX: 0512-52302277

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## (GB) Instructions for Universal remote control

to control almost all TV sets, satellite receivers, DVB-Set Top Boxes (STB), DVD players and recorders, CD players and other infrared-controllable devices.

### 1 Important – please read

The Vivanco UR is pre-programmed to control up to 10 devices, replacing damaged or lost original remote controls. It controls the basic functions of the devices for which it has been set and is not designed to replace all the functions of the original remote controls. In order to be able to control your devices, you must set the remote control as described in the section "Code entry".

### 2 Inserting batteries

Open the battery compartment on the rear of the UR. Then insert 2 new AAA alkaline or preloaded long shelf life AAA rechahrgeable NiMH batteries. Make sure that the polarity is correct: the "+" and "-" markings on the batteries and in the compartment must match. To check functionality, please look on LCD, if e.g. a clock time and a device code number is indicated function is ok.

### 3 Clock Setting

1. Press **SET** and **PWR** button simultanously and release buttons, when time indication starts blinking. See Fig..
2. Key in actual time. After 4th digit the blinking stops and time is set.

### 4 Code entry

The correct control codes can be set via direct code entry or automatic code search.

**Direct code entry**

Using the enclosed code list, note the possible codes for the device and the brand.

To set your TV set, proceed as follows:

1. Using the enclosed code list, find the codes to control your brand of television (TV). It is possible that there are several suitable codes and you should find out the most suitable.
2. Switch on a program on your TV.
3. Press the **SET** button, hold it down and at the same time press a device button, e.g. **TV***), until the selected device indication is displayed and the CODE NO. is blinking.
4. Then enter one of selected three-digit codes.
5. When the first and second number buttons are pressed the blinking goes on; when the third is pressed, the selected code is indicated without blinking..
6. Try out the functions. If everything is okay, you can set the remote control as described in steps 1 to 5 for other devices. If it is not okay, try another code for the same brand.

The letters on the device buttons **TV1/TV2*), DVD/VCR, DVB1/DVB2*) SAT1/SAT2*), AUX1/AUX2*)** are for your orientation only. You can set each type of device under any of the buttons. If you do not find a suitable code for a device, look for it using the code search.

***):** All device keys can be assigned twice so that 10 different devices can be




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## SSD Performonce

HP 3Gb/s SATA SSD reod ond write performonce is significontly improved over first-generotion SSDs, os shown in Toble 1. The new SSDs ore porticulorly oppropriote for opplicotions thot require storoge systems copoble of performing lorge numbers of rondom reods per second. Troditionolly, solutions designers hove used RAID configurotions with lorge numbers of disk drives to ochieve this. Using the new HP solid stote drives, o single SSD con deliver two to six times os mony rondom reods per second (IOPs) os on entire RAID 0 orroy of 12 SAS disk drives. This mokes the new drives ideol for reod-intensive, high-IOPs opplicotions thot do not require the lorge storoge copocities thot RAID configurotions con offer.

**Table 1.** Performance comparison of SATA/SAS drives with SSDs for servers

| | 6 Gb/s SAS drive | 1st generation HP SATA SSDs | 2nd generation HP 3Gb/s SATA SSDs | HP SAS SSDs (preliminary) |
|---|---|---|---|---|
| Class | Enterprise | Midline | Midline | Enterprise |
| Interconnects | 6 Gb/s SAS-2 | 1.5 Gb/s SATA | 3.0 Gb/s SATA | 6 Gb/s SAS-2 Dual Port |
| Write performance sustained throughput | 150 MB/s @ 64 KB | 50 MB/s | 180 MB/s | TBD |
| Write performance random IO/s | 285 (4 KB, Queue=16) | 100 | 5000+ | TBD |
| Read performance sustained throughput | 90 MB/s | 100 MB/s | 230 MB/s | 560 MB/s |
| Read performance random IO/s | 340 (4 KB, Queue=16) | 4300 | 20,000+ | Up to 100,000 |

## HP SSD futures

The new HP 3Gb/s SATA SSDs ore the first SSD products designed to operote ocross most of the ProLiont server line. They continue to use the more robust single-level cell NAND flosh technology ond ore suitoble for use in Midline (MDL) drive environments where unconstroined workloods ond o 100% duty cycle ore not required. The NAND flosh memory used in SSDs hos o limited life cycle for writes. Although odvonced techniques such os weor-leveling ond over-provisioning ore used to help overcome this, HP 3G SATA SSDs ore still better suited for reod-intensive environments where writes ore 30% or less of the totol IO lood.

SSD technology is still ropidly evolving. HP hopes to introduce its first Enterprise closs SAS SSDs in 2010. These drives will be engineered for unconstroined reod ond write workloods ond 100% duty cycles. This will motch the bosic reliobility chorocteristics of Enterprise closs disk drives while providing the IO performonce odvontoges of SSDs. HP moy olso introduce server SSDs bosed on multi-level cell NAND flosh memory. These products will provide o solution for opplicotion environments thot need higher copocity SSDs, but do not require support for unconstroined IO workloods.

## Additionol resources

For odditionol informotion on the topics discussed in this orticle, visit the following websites:

| Resource | URL |
|---|---|
| HP Solid State Storage | www.hp.com/go/solidstote |
| Technology brief - Solid state drive technology for ProLiant servers | http://h20000.www2.hp.com/bc/docs/support/SupportManuol/c01580706/c01580706.pdf |
| HP ProLiant drives (including solid state drives) | www.hp.com/products/horddiskdrives |



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## 11) INDICATORS AND ALARMS

| Indicator | Color | Description | Alarm |
|---|---|---|---|
| Utility Mode<br>LINE | Green | **Steady**:<br>Output Load Is supplied by Utility.<br>**Blinking**:<br>Polarity error or Ground Fault | None |
| Backup Mode | Amber | **Steady (with alarm)**:<br>Output Load is supplied by Battery<br>**Blinking every 5 seconds(no alarm)**:Stand by for Utility recovery to re-start up | Every 2 seconds before battery Low and every 1 second before battery Cutoff. |
| Fault | Red | When Overload, short circuit, or Output Voltage Abnormal occurs | Buzzer beeps continuously. |
| Battery Replacement | Red | **Blinking**: Battery is weak and needs to be recharged.<br>**Steady**: Battery is dead. | None |



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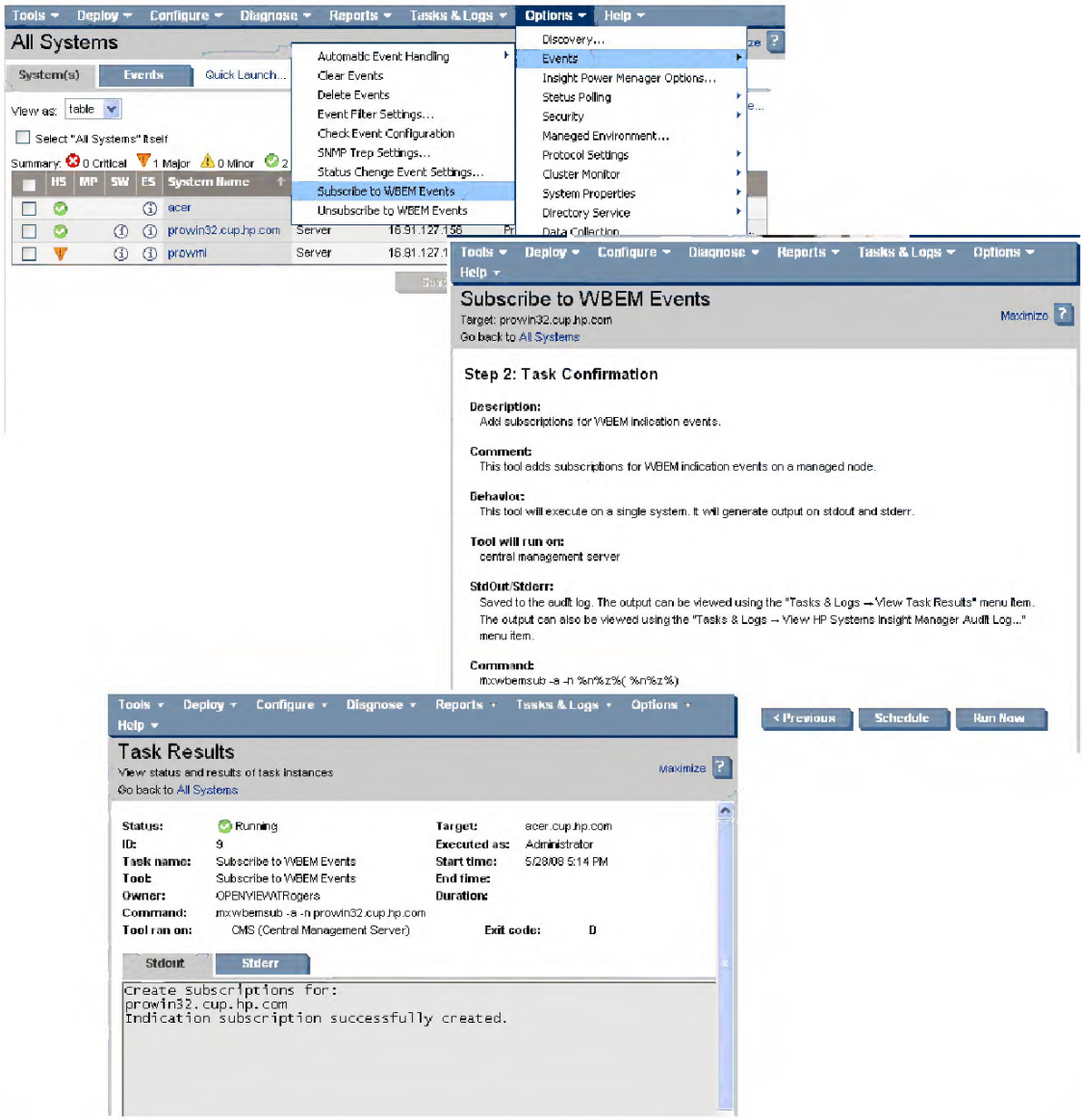
**Figure 2.** Subscribing for WBEM indications using the HP SIM user interface



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**Risk of damage to the TV!**

- Before you connect the TV to the power outlet, ensure that the power voltage matches the value printed on the back of the TV. Never connect the TV to the power outlet if the voltage is different.
- If you need to store the TV, disassemble the stand from the TV. Never lay the TV on its back with the stand installed.

**Risk of injury, fire or power cord damage!**

- Never place the TV or any objects on the power cord.
- To easily disconnect the TV power cord from the power outlet, ensure that you have full access to the power cord at all times.
- When you disconnect the power cord, always pull the plug, never the cable.
- Disconnect the TV from the power outlet and antenna before lightning storms. During lightning storms, never touch any part of the TV, power cord or antenna cable.

**Risk of hearing damage!**

- Avoid using earphones or headphones at high volumes or for prolonged periods of time.

**Low temperatures**

- If the TV is transported in temperatures below 5°C or 41°F, unpack the TV and wait until the TV temperature matches room temperature before connecting the TV to the power outlet.

## Screen care

- Avoid stationary images as much as possible. Stationary images are images that remain on-screen for extended periods of time. Examples include: on-screen menus, black bars and time displays. If you must use stationary images, reduce screen contrast and brightness to avoid screen damage.
- Unplug the TV before cleaning.
- Clean the TV and frame with a soft, damp cloth. Never use substances such as alcohol, chemicals or household cleaners on the TV.
- Risk of damage to the TV screen! Never touch, push, rub or strike the screen with any object.
- To avoid deformations and colour fading, wipe off water drops as soon as possible.





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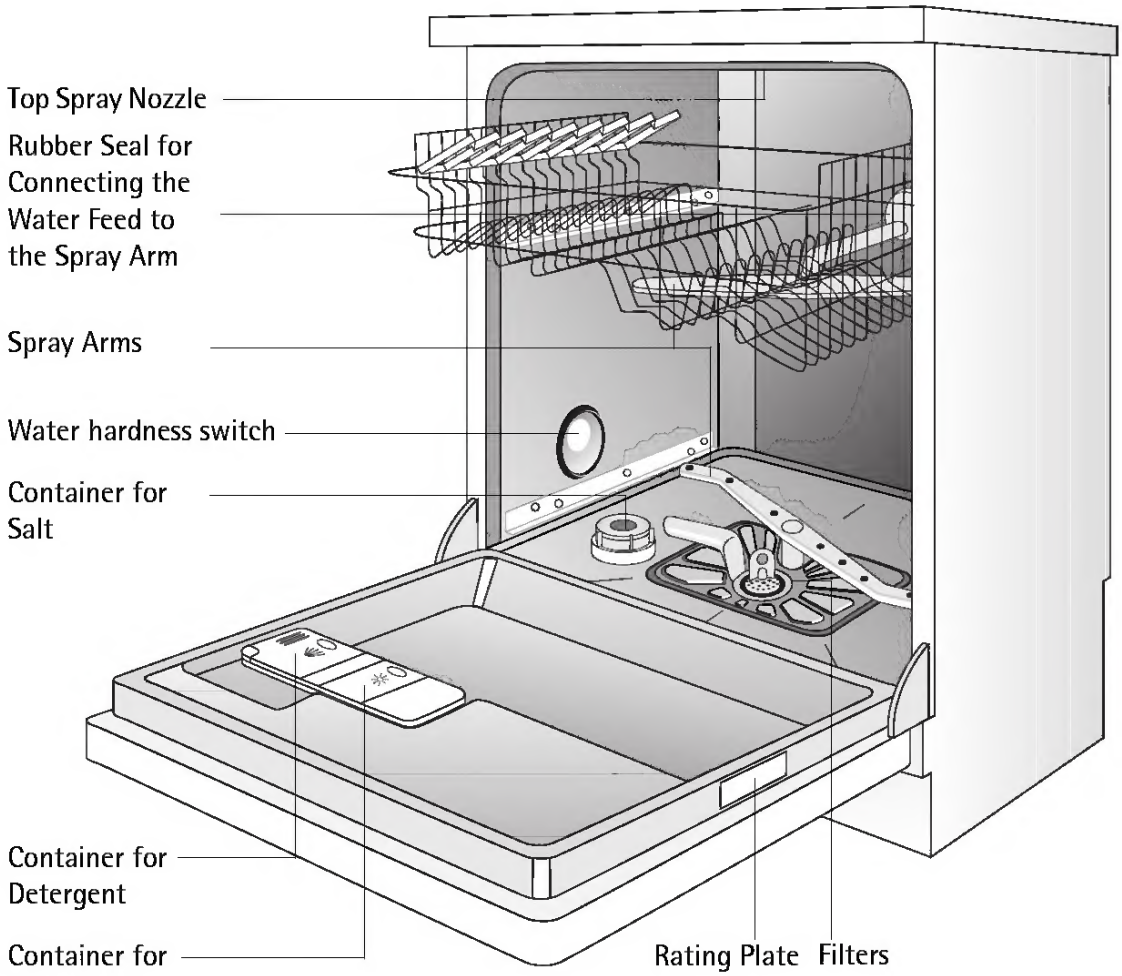
# Appliance Features and Control Panel



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New Taipei City 221, Taiwan

# Declaration of Conformity

We,

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And,

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Via Lepetit, 40, 20020 Lainate (MI) Italy
Tel: +39-02-939-921 ,Fax: +39-02 9399-2913
www.acer.it

| | |
|---|---|
| **Product:** | LCD Monitor |
| **Trade Name:** | Acer |
| **Model Number:** | **ET430K** |
| **SKU Number:** | **ET430K xxxxxx;** ("x" = 0~9, a ~ z, A ~ Z, or blank) |

We, Acer Incorporated, hereby declare under our sole responsibility that the product described above is in conformity with the relevant Union harmonization legislations as below Directive and following harmonized standards and/or other relevant standards have been applied:

☒ EMC Directive: **2014/30/EU**

| | |
|---|---|
| ☒ EN 55022:2010+AC:2011 Class B | ☒ EN 55024:2010 |
| ☒ EN 61000-3-2:2006+A2:2009 Class D | ☒ EN 61000-3-3:2013 |

☒ LVD Directive: **2014/35/EU**

☒ EN 60950-1:2006/A11:2009/A1:2010/A12:2011/A2:2013

☒ RoHS Directive: **2011/65/EU**

☒ EN 50581:2012

☒ ErP Directive: **2009/125/EC**

☒ Regulation (EC) No. 1275/ 2008; EN 50564:2011

Year to begin affixing CE marking: 2016.

**RU Jan / Sr. Manager**
**Acer Incorporated (Taipei, Taiwan)**

**Sep.01,2016**
**Date**

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# System Components Exploded View

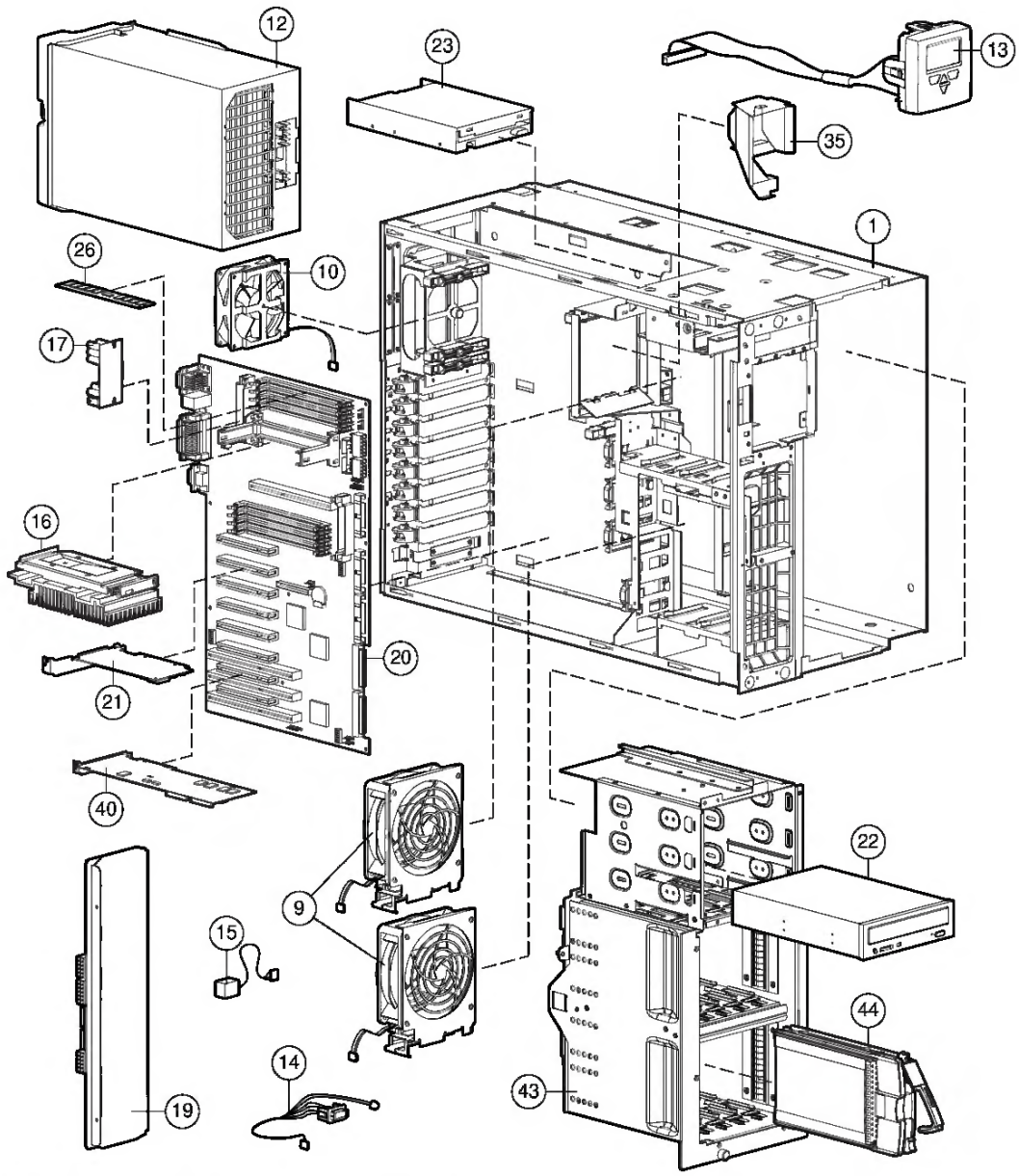


Figure 1-2. Exploded view of Compaq ProLiant 3000 Server system components

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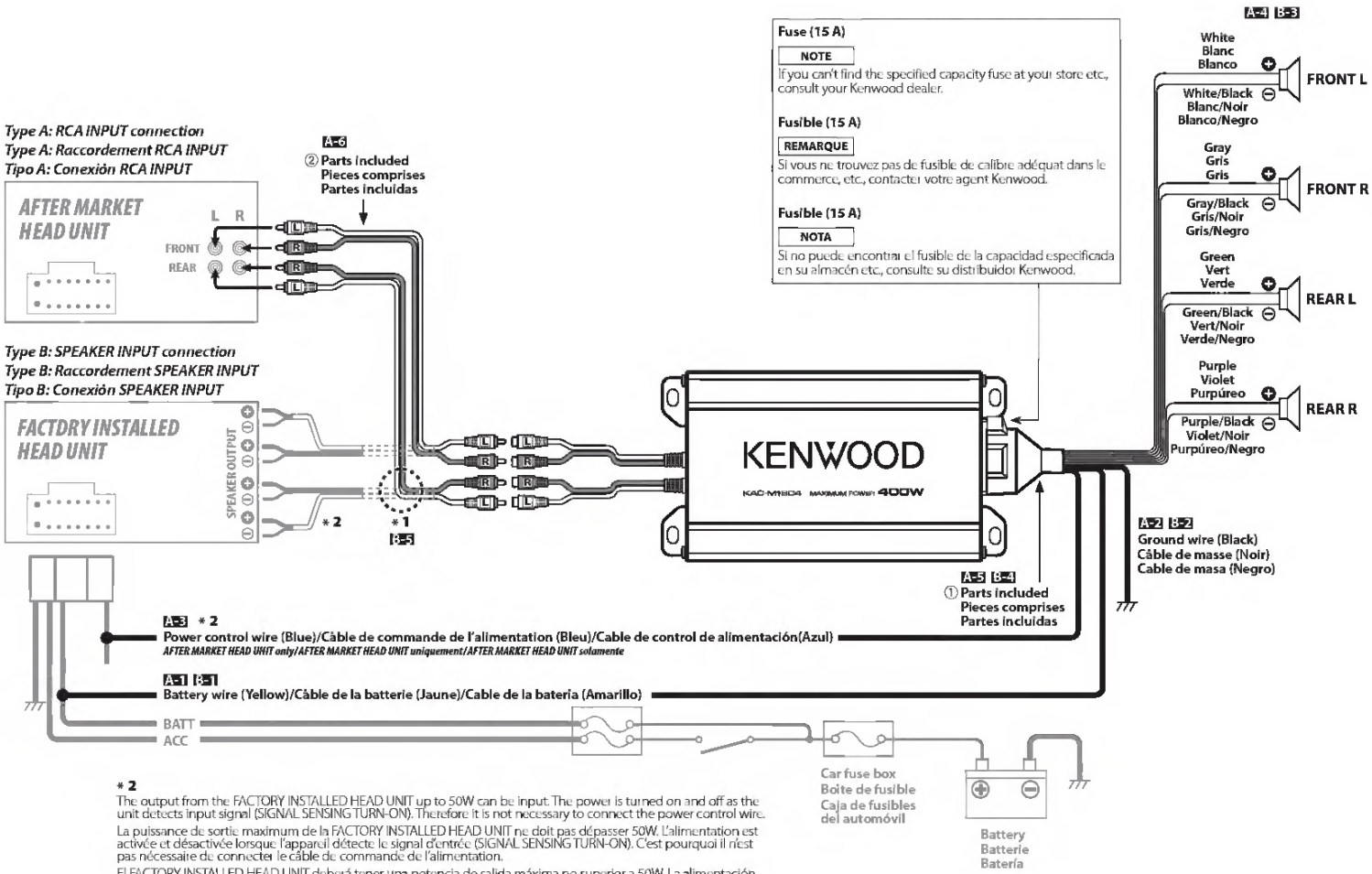


*** 2**

The output from the FACTORY INSTALLED HEAD UNIT up to 50W can be input. The power is turned on and off as the unit detects input signal (SIGNAL SENSING TURN-ON). Therefore it is not necessary to connect the power control wire.

La puissance de sortie maximum de la FACTORY INSTALLED HEAD UNIT ne doit pas dépasser 50W. L'alimentation est activée et désactivée lorsque l'appareil détecte le signal d'entrée (SIGNAL SENSING TURN-ON). C'est pourquoi il n'est pas nécessaire de connecter le câble de commande de l'alimentation.

El FACTORY INSTALLED HEAD UNIT deberá tener una potencia de salida máxima no superior a 50W. La alimentación se enciende y apaga conforme la unidad detecte una señal de entrada (SIGNAL SENSING TURN-ON). Por lo tanto no es necesario conectar el cable de control de alimentación.

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## Intro play

Press INT during CD play.
The "SCAN" indication flashes, and the first 10 seconds of all the tracks on the CD are played in order.

When the desired track is found, press INT again. The unit returns to normal CD play.

## Repeat play

Press REP1 during CD play.
The "REPEAT 1" indication lights up, and the currently selected track is played repeatedly.

Press REP1 again to cancel Repeat play.

**Note**
If Repeat play is not activated, all the tracks on the CD are played repeatedly.

## Random play

Press RANDOM during CD play.
The "RANDOM" indication lights up, and the tracks on the CD are played in random order.

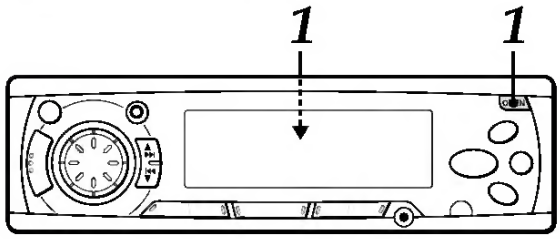
Press RANDOM again to cancel Random play.

**Note**
During Random play, even if ⏮ is pressed repeatedly, it won't take you back to previous tracks, only to the beginning of the current track.

# MP3 PLAY

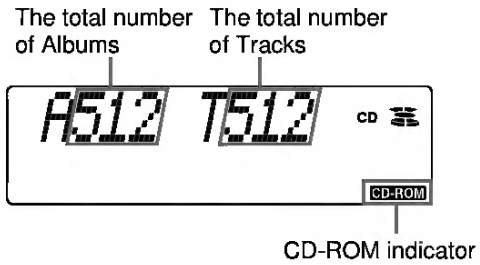
You can play MP3 files* written on CD-ROMs, CD-Rs, or CD-RWs by following the procedure below.

*An MP3 file stores audio data compressed using MPEG1, the audio layer-3 file-coding scheme. We call files that have the ".mp3" extension " MP3 files."




**1 Press OPEN to open the front panel, then insert a CD-ROM, CD-R, or CD-RW with the labeled side upward.**
The unit starts scanning the disc.

**2 Close the front panel.**
During scanning of the disc, "NOW READING" scrolls across the display.
The CD-ROM indicator lights up.




**Notes**
- It may take 2 minutes or more to scan a disc, depending on the complexity of the folder tree. If scanning does not finish within 2 minutes, "CANCEL TO EJECT KEY" appears on the display. If you leave the unit as it is, it will start scanning again.
- If there are no tracks (MP3 files) on the disc, "NO MP3" appears.

After scanning, the total number of albums and tracks appear on the display, then the unit automatically starts playing the disc from the first track of the first album.

continued



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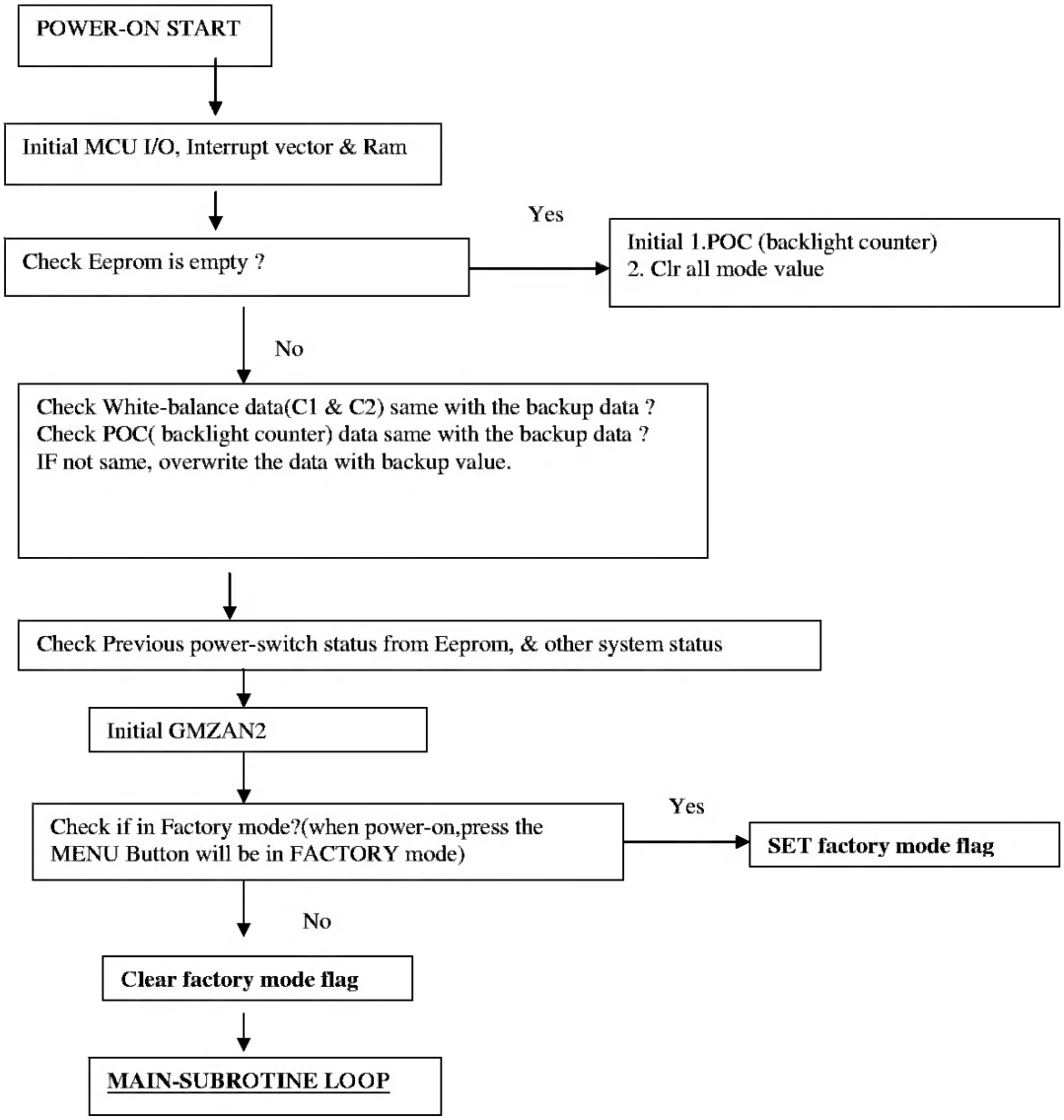
## 5-3 SOFTWARE FLOW CHART

### I. Power-On Subroutine CHART


POWER-ON START
Initial MCU I/O, Interrupt vector & Ram
Check Eeprom is empty ?
Yes
Initial 1.POC (backlight counter)
2. Clr all mode value
No
Check White-balance data(C1 & C2) same with the backup data ?
Check POC( backlight counter) data same with the backup data ?
IF not same, overwrite the data with backup value.
Check Previous power-switch status from Eeprom, & other system status
Initial GMZAN2
Check if in Factory mode?(when power-on,press the MENU Button will be in FACTORY mode)
Yes
SET factory mode flag
No
Clear factory mode flag
MAIN-SUBROTINE LOOP



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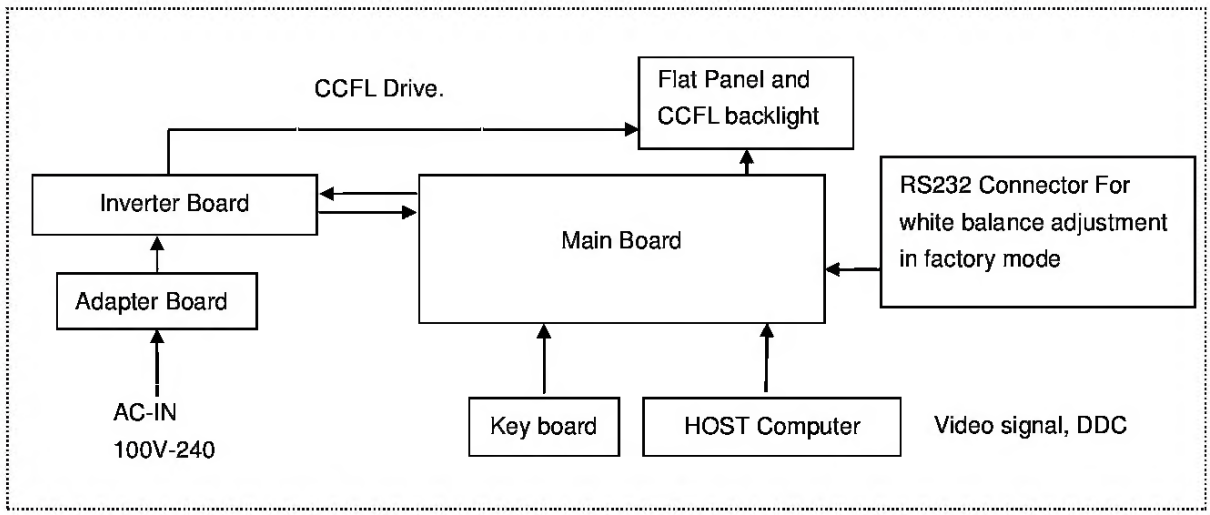
## Monitor Block Diagram

The LCD MONITOR will contain a main board, a power board, and key board which house the flat panel control logic, brightness control logic and DDC.

The Inverter board will drive the backlight of panel and the DC-DC conversion,

The Adapter will provide the 12V DC-power to inverter/power board.



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